



MI-24005

Interference reject filter

2300 TDD

MASS™

Microdata Advanced Site Solutions

With our expertise in site system design we are able to provide a solution for any site sharing or upgrade scenario.

Our focus area is RF-filter based solutions including combiners, multi band TMAs, di-, tri- and quadruplexers.

Our product portfolio supports all frequencies for mobile communication bands ranging from 450 MHz to 6 GHz.

Site and network sharing makes it cost efficient to reach sparsely populated areas where new subscribers can contribute to revenue.

MASS™

Advantage

Increases coverage

more traffic & higher ARPU

Increases capacity

more traffic & higher ARPU

Reduces the cost

of network expansion

Minimizes

site acquisition issues

Specifications

| General | |
|------------------------------------|--|
| Nominal Bandwidth | 20 MHz |
| Nominal Frequency Band | 2312.5 - 2332.5 MHz |
| Rejection 2336-2354 MHz | >60 dB |
| RF Path | |
| Frequency Band | 2313.5 - 2331.5 MHz |
| Insertion Loss | Typ < 0.7 dB, Max 1.6 dB at band edge. |
| Loss deviation from nominal | <+- 0.1 dB |
| Group delay deviation from nominal | < 5ns |
| Return Loss | >18 dB |
| Power handling | 40 W cont. 300 W peak. |
| Environmental | |
| Operating Temperature Range | -20 to +65°C |
| Ingress Protection | IP67 |
| Miscellaneous | |
| MTBF | 1.5 M hours |
| Lightning protection | 3kA 10/350µs |
| DC/AISG Bypass | Configurable |
| Mechanical | |
| Dimensions (WxHxD) | 115 x 227 x 44 mm (excluding connectors) |
| Connectors | 7/16 (F) ANT, 7/16 (F) BTS |
| Volume | 1.2 l |
| Weight | 2.0 kg |
| Colour | N.A. |

